

## **ABSTRACT OF THE DISCLOSURE**

A display device including:

(a) a plurality of microcapsules each including a polymerized, optionally hardened, micelle shell encapsulating a single bichromal ball in a liquid droplet, the ball having two hemispheric surfaces, one surface differing from the other surface in both color and electrical characteristics, and wherein the color of the bichromal ball is discernable through the shell and the liquid droplet; and

(b) a substrate to receive the microcapsules.